

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001642

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: B63B 59/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC B63B 59/, E04H 4/16, B08B 17/00, A01M 21/00, 21/04, 19/ and keywords: heat, hot etc.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5389266 A (CLUM et al) 14 February 1995 Column 3, line 56-column 4, line 31; col. 5, lines 51-52 and figs. 1, 2, 5-10	1-3, 5, 7-10, 13, 14, 16-19, 21, 22
Y		4, 11, 12, 15, 20
Y	GB 1545232 A (LARSON) 2 May 1979 Page 2, lines 49-66; page 3, lines 33-36	4, 11, 12, 15, 20
Y	WO 2000/068070 A1 (MASON) 16 November 2000 Abstract	4, 11, 12, 15

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
15 February 2005

Date of mailing of the international search report

25 FEB 2005

Name and mailing address of the ISA/AU

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2002/044020 A1 (TIBLE) 6 June 2002 Abstract; page 1, lines 11-14; page 5, lines 33-34	1-3, 5-14, 16, 18, 21, 22
X	FR 2700240 A1 (IVALDI) 13 July 1994 Abstract and figs. 1-2	1-3, 5-10, 13, 14, 16-19, 21, 22
X	FR 2705531 A1 (SEAS) 2 December 1994 Abstract; page 5, lines 8-11, 35-38 and fig. 2	1-3, 5-10, 13, 14, 16-19, 21, 22
X	Derwent Abstract Accession No. 96-336460/34, Class P13 P14, JP 08154559 A (ASAHI KASEI KOGYO KK) 18 June 1996	1-3, 5-10, 13, 14, 16-19, 21, 22
A	US 5593636 A (PUTZ) 14 January 1997	
A	US 5327848 A (HANNON) 12 July 1994	
A	FR 2767643 A1 (CHARRIN) 5 March 1999	
A	Derwent Abstract Accession No. 91-093208/13, Class Q24, SU 1581649 A (SEVAST EQUIPT INST) 30 July 1990	
A	Patent Abstract of Japan, JP 2001-231431 A (SUMITOMO HEAVY IND LTD) 28 August 2001	

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	5389266	US	5294351		
GB	1545232	DE	2647070	DK	471076
		FR	2328521	BE	847452
		NL	7611488	NO	763559
		SE	7511712	ES	452526
WO	0068070	AU	47861/00	JP	52053394
		US	6488572	PT	65725
WO	0244020	BR	0010351	EP	1187759
		AU	22068/02	FR	2817230
		HR	20030434	US	6840187
		NO	20032454		
		US	2004074431		
FR	2700240				
FR	2705531				
US	5327848				
US	5593636				
FR	2767643	FR	2767644		

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX